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**Global Harmonization of Methodological Approaches to Nutrient
Intake Recommendations**

21-22 September 2017

**Headquarters of the Food and Agriculture Organization of the United Nations
Viale delle Terme di Caracalla
Rome, Italy**

Workshop Objectives

- Describe potential frameworks to enable global harmonization of methodologies to establish nutrient intake recommendations
- Explore approaches for evaluating the evidence to facilitate global harmonization of methodologies to establish nutrient intake recommendations
- Examine the potential for addressing contextual factors from different population subgroups, regions, and countries that may or may not be conducive to harmonization
- Consider approaches to facilitate global sharing of resources to maintain quality and support cost-effectiveness to develop methodologies for nutrient intake recommendations
- Identify the advantages, barriers, and challenges to global harmonization of methodologies to establish nutrient intake recommendations

Day 1

8:30 am Registration

INTRODUCTION AND OPENING REMARKS

9:00 Welcome

*Kostas Stamoulis, FAO Assistant Director-General, Economic and Social
Development Department*

Stephanie Atkinson, McMaster University, Planning Committee Chair

9:15 Defining the Problem: Partner Panel

- World Health Organization, *Chizuru Nishida, Coordinator, Nutrition Policy and Scientific Advice, Department of Nutrition for Health and Development*
- U.N. Food and Agriculture Organization, *Anna Lartey, Director of Nutrition*

9:30 Background for the Workshop:

*Moderated by: Stephanie Atkinson, McMaster University, Planning Committee
Chair*

Harmonizing the Nutrient Intake Values: Phase 1

Janet King, Children's Hospital Oakland Research Institute

Applications and Uses of Nutrient Intake Recommendations

Suzanne Murphy, Emeritus, University of Hawaii

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SESSION 1: HARMONIZATION FRAMEWORKS

Moderated by: Peter Clifton, University of South Australia

- 10:00 Terminology and Models**
Peter Clifton, University of South Australia
- 10:20 Endpoints – Deficiency vs. Chronic Disease**
Amanda MacFarlane, Health Canada
- 10:40 Guiding Principles for Developing Dietary Reference Intakes Based on Chronic Disease**
Janet King, Children’s Hospital Oakland Research Institute
- 10:50 Discussion with Session Speakers**
- 11:10 Break**
- 11:30 Panel Discussion: Current Models for Establishing Intake Recommendations**
Hasan Hutchinson, Health Canada, Panel Chair and Moderator
UK: Ann Prentice, University of Cambridge
Australia and New Zealand: Peter Clifton, University of South Australia
South Korea: Hee Young Paik, Seoul National University
India: Thingnganing Longvah, National Institute of Nutrition, India

SESSION 2: APPROACHES TO EVALUATING THE EVIDENCE

Moderated by Ann Prentice, University of Cambridge

- 12:10 Tools for Evaluating Strength and Quality of Evidence**
George Wells, Ottawa Heart Institute
- 12:30 Global Systematic Reviews: How Can it Be Done?**
Joseph Lau, Brown University
- 12:50 Risk-Benefit Analysis**
Hans Verhagen, European Food Safety Authority
- 1:10 Discussion with Session Speakers**
- 1:35 Break for Lunch**

SESSION 3: CONTEXTUAL FACTORS: HOST, DIET/ENVIRONMENT, AND HEALTH STATUS

Moderated by Suzanne Murphy, Emeritus, University of Hawaii and John Muyonga, Makerere University

- 2:25 The Role of Host: Genetic Variation**
Patrick Stover, Cornell University
- 2:45 The Role of Host: Physiology**
Anura Kurpad, St. John’s Medical College
- 3:05 The Role of Health Status**
Seth Adu-Afarwuah, University of Ghana
Caryl Nowson, Deakin University
- 3:45 The Role of Diet and Environment: Bioavailability, Processing, Environmental Exposure, and Nutrient Interactions**
Rosalind Gibson, University of Otago
Umi Fahmida, University of Indonesia

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4:20 Panel Discussion with Session Speakers

4:50 Closing Remarks

Stephanie Atkinson, McMaster University, Planning Committee Chair

5:00 Adjourn for the Day

Day 2

SESSION 4: APPLICATIONS, FACILITATING QUALITY, AND COST EFFECTIVENESS

Moderated by: Lindsay Allen, University of California Davis

8:30 am Setting the Stage for Participant Discussion

Catherine Leclercq, U.N. Food and Agriculture Organization

8:45 Breakout Group Topics for Participant Discussion:

- What are the advantages of global harmonization of methodologies for developing nutrient intake recommendations, from your standpoint?
- What additional resources and expertise would facilitate adoption of a harmonized approach in your region/country?
- What are the likely barriers and challenges to achieving global harmonization from your standpoint?

10:00 Rapporteurs Report on Breakout Discussion

10:30 Break

11:00 Synthesis of Breakout Discussion

Lindsay Allen, University of California Davis

SESSION 5: ADVANTAGES, BARRIERS, AND CHALLENGES TO GLOBAL HARMONIZATION OF METHODOLOGIES FOR NUTRIENT INTAKE RECOMMENDATIONS

11:30 *Moderated by: Susan Fairweather-Tait, University of East Anglia and Amanda MacFarlane, Health Canada*

Panel Discussion - Experiences from Countries that Have Collaborated Countries/Entities Reporting:

SE Asia: Emorn Udomkesmalee, Mahidol University

EURRECA – Christophe Matthys, University of Leuven

EFSA – Hildegard Przyrembel, Federal Institute for Risk Assessment

Africa – James Ntambi, University of Wisconsin-Madison

Norway – Helle Margrete Meltzer, Norwegian Institute of Public Health

Topics for Discussion:

- Similarities and differences
- Challenges and advantages
- Mechanisms that could be considered for setting priorities for activities, e.g. systematic reviews, toolkits, technical briefs
- Potential for acceptance of methodological approaches across countries
- Potential ways forward

1:00 pm Chair's Summary and Discussion of Next Steps

Stephanie Atkinson, McMaster University, Planning Committee Chair

1:30 pm Adjourn Meeting